SECTION 9: Inking System

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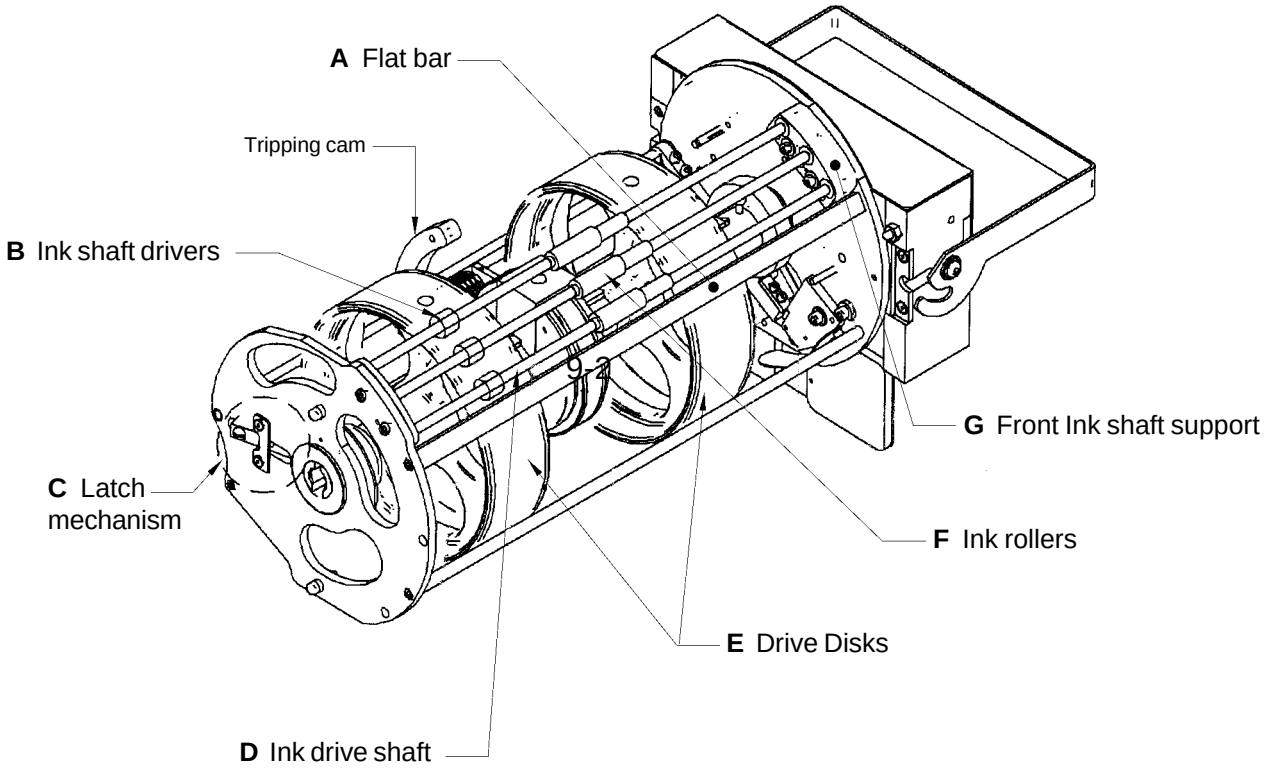
Inking System

1. System Overview

The Inking System is responsible for supplying ink to the Numbering heads. Both red and black Ink rollers are available.



A Flat Bar: This solid aluminum bar acts as a reflector to fool the Risograph's Master loading sensor. It causes the sensor to detect there is a Master present even though there is not.

B Ink Shaft Driver (3): The Ink shaft drivers rest on the Drive disks and are responsible for rotation of the Ink rollers.

C Latch Mechanism: When the NC unit is inserted and locked into the Risograph, this latch opens allowing the cylinder to rotate.

D Ink Drive Shaft (3): These shafts transfer rotation from the Ink shaft drivers to the Ink rollers.

E Drive Disks: When the Risograph's Pressure roller engages, it pushes the media against the NC's Drive disks where it is held in place, addressed by the Numbering head, and then sent on to the Paper Receiving Area. The Drive disks can be adjusted with a 3/16" Allen wrench.

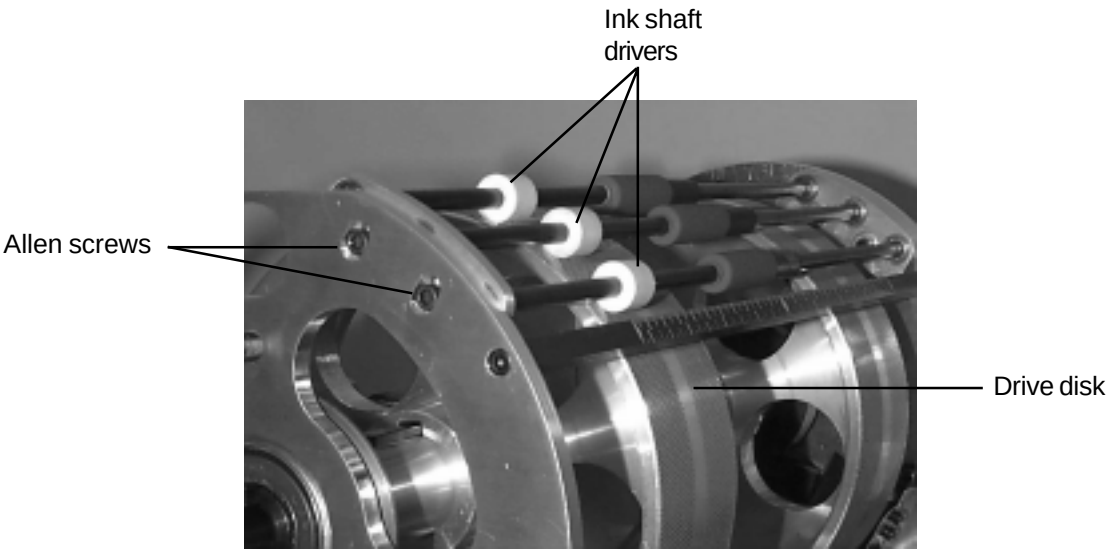
F Ink Roller Assembly (3): The Ink rollers apply ink to the Numbering heads as they revolve.

G Ink Shaft Support: The Ink drive shafts are connected to the Front and Rear Ink shaft supports. The Rear Ink shaft support can be adjusted to increase or decrease contact between the Ink shaft drivers and the Drive disks.

2. Ink Shaft Drivers / Drive Disk Contact

1. Loosen the Allen screws on the Rear Ink shaft support.

2. Move the Ink shaft support up or down until correct contact between the Ink shaft drivers and the Drive disks has been established.



3. Tighten Allen screws to lock the Ink shaft support in position.